

Title (en)

Plasma display panel driving method and apparatus

Title (de)

Verfahren und Einrichtung zum Steuern einer Plasmaanzeigetafel

Title (fr)

Panneau d'affichage à plasma et son procédé de commande

Publication

**EP 0977169 A1 20000202 (EN)**

Application

**EP 99305765 A 19990721**

Priority

- JP 21458698 A 19980729
- JP 21432598 A 19980729

Abstract (en)

The present specification and drawings disclose a technique to display image on the display panel using subfield. Particularly, it is disclosed that the technique for conducting the reset operation by impressing, to the electrode of cells, a plurality of reset pulses per one subfield in the subfield period for the reset operation and then conducting the address operation for selecting cells for display discharge. Further, it is disclosed that the display technique for causing the cells of display panel to conduct display discharge for image display through the reset operation and address operation. Namely, it is the technique for impressing the auxiliary pulse to the electrode of cells after impression of reset pulse for reset operation to form charges in inverse voltage to the scan pulse during the address operation and then conducting the address operation for selecting the cells for display discharge. <IMAGE>

IPC 1-7

**G09G 3/28**

IPC 8 full level

**G09G 3/20** (2006.01); **G09G 3/28** (2006.01); **G09G 3/288** (2006.01); **G09G 3/291** (2013.01); **G09G 3/292** (2013.01); **G09G 3/298** (2013.01)

CPC (source: EP KR US)

**G09G 3/292** (2013.01 - KR); **G09G 3/2927** (2013.01 - EP US); **G09G 2320/0209** (2013.01 - EP US)

Citation (search report)

- [XA] EP 0657861 A1 19950614 - FUJITSU LTD [JP]
- [X] EP 0549275 A1 19930630 - FUJITSU LTD [JP]

Cited by

EP1246156A1; US7091935B2; WO2004075153A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 0977169 A1 20000202**; CN 1136530 C 20040128; CN 1250204 A 20000412; JP 2009237580 A 20091015; JP 5146410 B2 20130220; KR 100517259 B1 20050928; KR 20000011949 A 20000225; TW 527576 B 20030411; US 6404411 B1 20020611

DOCDB simple family (application)

**EP 99305765 A 19990721**; CN 99111938 A 19990729; JP 2009139750 A 20090611; KR 19990030159 A 19990724; TW 88112129 A 19990716; US 36123399 A 19990727